

06/30/03
17581 U.S. PTO

EXPRESS MAIL LABEL NO.
EV329978520US

15878 U.S. PTO
10/611443
06/30/03

GUNNISON, McKAY & HODGSON, L.L.P.

GARDEN WEST OFFICE PLAZA, SUITE 220

1900 GARDEN ROAD

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June 30, 2003

Attorney Docket No. P-9197

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEW PATENT APPLICATION TRANSMITTAL LETTER
(37 C.F.R. §1.53(b))

Transmitted herewith for filing is an original (nonprovisional)
patent application of:

Inventor: Swee Yew Choe

Entitled: HALF-RAIL DIFFERENTIAL DRIVER CIRCUIT

Enclosed are the following papers as required for a filing date
under 37 C.F.R. §1.53(b):

16 Pages Description;
35 Pages Claims;
1 Page Abstract; and
2 Drawing sheets (informal).

Other papers enclosed include:

X Return receipt postcard;
X Check for \$1,210.00;
2 Pages Combined Declaration For Patent Application
and Power of Attorney;

GUNNISON, McKAY & HODGSON, L.L.P.

New Patent Application Transmittal Letter
 Attorney Docket No. P-9197
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- 1 Page Recordation Form Cover Sheet; and
1 Page Assignment of the invention to Sun Microsystems, Inc.

Fee Calculation					
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee
					\$750.00
Total no. of claims	12	- 20 =	0	X \$18.00	0.00
No. of independent claims	8	- 3 =	5	X \$84.00	420.00
Multiple dependent claims				\$280.00	0.00
Total of above Calculation					1,170.00
Reduction by 50% for filing by Small Entity (Enter 0.5 for small entity)					1.0
Filing Fee					\$1,170.00

FEE PAYMENT

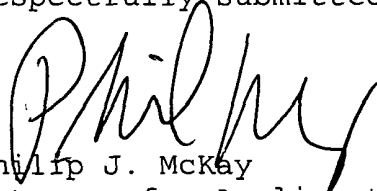
Enclosed are:

Filing Fee	1,170.00
Assignment Recording Fee	40.00
Total Fees Enclosed	\$1,210.00

A check in the amount of \$1,210.00 is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0553.

Respectfully submitted,


 Philip J. McKay
 Attorney for Applicant
 Reg. No. 38,966